

HDS 13/35 DE TR1

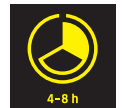
The HDS 13/35 trailer can be used self-sufficiently and reaches pressures of 350 bar. It is the perfect solution for hot water high-pressure cleaning in the municipal sector, at construction sites and in industry.



Made in Germany



Stage V



4-8 h

Order no.

1.524-521.2

- Automatic speed reduction
- Speed regulation
- Stationary and mobile versions available

Technical data

Drive type		Diesel
Motor manufacturer		Yanmar
Motor rating	kW / hp	19 / 26
Flow rate	l/h	650 - 1300
Pressure	bar / MPa	100 - 350 / 10 - 35
Consumption of heating oil in eco/efficiency mode	kg/h	9.3
Dimensions (L × W × H)	mm	3646 × 1747 × 1735

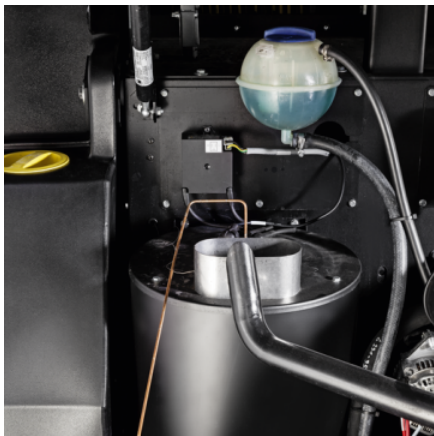
Scope of supply

Spray gun:	Industry
High-pressure hose:	30 m
Spray lance:	700 mm
Power nozzle	

Equipment

Pressure adjustment over speed regulation

This machine requires instruction.



Maximum efficiency

- Proven and highly efficient burner technology.
- Heat recovery through use of waste heat from the engine.
- Environmentally-friendly operation and low operating costs thanks to Kärcher's ecoefficiency mode.



Easy operation

- The machine is easy to operate using a central selector switch.
- Two optional hose reels in operating area allow easy set-up and dismantling.
- Safe and ample storage options for protective equipment, accessories and detergents.



Self-sufficient application

- Large 500 l water tank for up to 30-minute cleaning applications with full water performance.
- 100-litre diesel tank: ideal for long periods of use.
- Powerful Yanmar diesel engines allow the machine to be used independently of any power source.

ACCESSORIES FOR HDS 13/35 DE TR1

1.524-521.2



		Order no.	Description	
KITS				
Fleet mounting kit				
Attachment kit Plug-in Connect Module	1	2.644-391.0	The IoT module ⁹⁾ is used to transmit information on the location and operating hours of battery-powered Kärcher cleaning machines and third-party devices to the equipment management system.	<input type="checkbox"/>
ULTRA-HIGH-PRESSURE CLEANERS				
High-pressure hoses				
Pressure hose, 3 m, 640 bar, M22 × 1.5	2	6.391-856.0	650 bar, M 22 × 1.5.	<input type="checkbox"/>
Pressure hose, 10 m, 640 bar, M22 × 1.5	3	6.391-848.0	650 bar, M 22 × 1.5	<input type="checkbox"/>
Pressure hose, 20 m, 640 bar, M22 × 1.5	4	6.391-857.0	650 bar, M 22 × 1.5.	<input type="checkbox"/>
Pressure hose, 10 m, 620 bar, M22 × 1.5	5	6.391-846.0	650 bar, M 22 × 1.5	<input type="checkbox"/>
Pressure hose, 20 m, 620 bar, M22 × 1.5	6	6.391-847.0	650 bar, M 22 × 1.5.	<input type="checkbox"/>
Pressure hose, 30 m, 620 bar, M22 × 1.5	7	6.391-019.0	Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 × 1.5. Suitable for up to 620 bar working pressure.	<input type="checkbox"/>
Couplings and connectors				
Coupling	8	4.403-004.0	For joining and extending HD hoses. Connection 2 × M 22 × 1.5. Material: Stainless steel.	<input type="checkbox"/>
Trigger guns				
Kärcher industry gun	9	4.775-824.0	650 bar - industrial spray gun with optimised flow. Robustness and durability for professional use. Food-safe and saltwater-resistant materials. Connector for HP hoses M 22 × 1.5.	<input type="checkbox"/>
Shoulder support	10	2.639-251.0	Sturdy shoulder support that must be used from a recoil force of more than 150 N. Fits all Kärcher industrial lances.	<input type="checkbox"/>
Spray lances				
Spray lance	11	4.760-679.0	With nozzle holder.	<input type="checkbox"/>
	12	4.760-653.0		<input type="checkbox"/>
Jet pipe complete 1550 mm 65 MPa	13	4.760-675.3		<input type="checkbox"/>
Spray lance	14	4.760-677.0		<input type="checkbox"/>

Available accessories.

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ULTRA-HIGH-PRESSURE CLEANERS				
Pipe cleaning				
Foot valve for pipe cleaning	15	6.470-223.0	Foot valve for convenient and safe use of accessories for effective pipe cleaning.	<input type="checkbox"/>
Pipe cleaning nozzle standard 050 50MPa	16	4.765-012.0	Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection. Nozzle configuration: 3x backward.	<input type="checkbox"/>
Pipe cleaning nozzle Four 050 50MPa	17	4.765-016.0	For pipe cleaning hoses with G1/4" threaded connection: Quattro pipe cleaning nozzle. Nozzle configuration: 3x backward and 1x forward.	<input type="checkbox"/>
Pipe cleaning nozzle, Rotor	18	5.763-092.0	For pipe cleaning hoses with G1/4" threaded connection: Rotor pipe cleaning nozzle. Nozzle configuration: 3x backward.	<input type="checkbox"/>
Pipe cleaning hose	19	6.392-401.0	Flexible pressure hose (DN 8) for thorough pipe cleaning. 10 m long. Threaded connection for G1/4" nozzle.	<input type="checkbox"/>
	20	6.392-402.0	Flexible pressure hose (DN 8) for thorough pipe cleaning. With threaded connection for G1/4" nozzle and 20 m long.	<input type="checkbox"/>
	21	6.392-403.0	For through pipe cleaning: flexible, 30 m long pressure hose with threaded connection for G1/4" nozzle.	<input type="checkbox"/>
Surface cleaner				
Surface Cleaner FRI 50 Me	22	2.643-577.0	Surface cleaner for efficient cleaning of surfaces up to 500 bar and hot water cleaning up to 100°C. 4 convenient steering rollers. Specific nozzle kits must be ordered separately.	<input type="checkbox"/>
Nozzle package 025 FRI 50 Me	23	6.415-045.0	Nozzle kit specifically for FRI 50 Me Surface Cleaner. Nozzle size: 025.	<input type="checkbox"/>
Abrasive blaster				
Adapter required for abrasive sprayer and TD 3000	24	5.401-325.0	M 20 × 1 IG to 9/16" UNF AG.	<input type="checkbox"/>
Abrasive blaster, incl. 3 × 0.7 nozzle	25	9.872-435.0	Abrasive spray head with nozzle size 3 × 0.7 mm for wet sand blasting. Only includes spray head. Without hose and lance.	<input type="checkbox"/>
Replacement nozzle for abrasive blaster	26	6.025-346.0	Replacement nozzle for abrasive spray head made from boron carbide. Colour blue.	<input type="checkbox"/>
F98 nozzle kit, D 0.70 mm	27	9.886-551.0	For wet sand blasting: three-nozzle kit for abrasive spray head. Nozzle size 0.7 mm.	<input type="checkbox"/>
F98 nozzle for abrasive blaster	28	6.025-255.0	Nozzle (nozzle size 0.7 mm) for abrasive spray head for wet sand blasting.	<input type="checkbox"/>

Available accessories.

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NOZZLES			
Power nozzles			
Flat jet nozzle, 15051	29	5.765-190.0	15° flat jet nozzle 15051 for high-pressure cleaner HD 13/35. Suitable for working pressures of up to 350 bar and 1,300 l/h (HDS trailer). <input type="checkbox"/>
Screw nozzles F21			
Dummy nozzle F21	30	6.025-237.0	F21 screw-on dummy nozzle. Suitable for working pressures of up to 3,000 bar. <input type="checkbox"/>
Round jet nozzle F21, Saphir, 0,9 mm	31	9.886-216.0	Screw-on F21 sapphire round jet nozzle with a diameter of 0.90 mm. Suitable for working pressures of up to 3,000 bar. <input type="checkbox"/>
ROTARY NOZZLES			
Single-jet rotary nozzles			
Tool for changing rotor seat	32	6.025-233.0	For F3, F4, F1, F25. <input type="checkbox"/>
Rotary jet, 049, 1,35 mm	33	4.767-173.0	350 bar, 1.35 mm, 1,300 l/h, M 20 × 1, brass. <input type="checkbox"/>
Power rotary jet repair kit F7	34	6.025-436.0	Repair kit for power rotary jet, order no. 6.415-914.0. Suitable for 350 bar working pressure and 1,300 l/h water flow rate. Includes rotor, seat and O-ring (28 × 2). <input type="checkbox"/>
Multi-jet rotary nozzles			
Nozzle body	35	9.917-677.0	Rotary transmission lead-through with infinitely variable speed control. Includes protective pipe. <input type="checkbox"/>
Nozzle carrier head TD09	36	9.899-828.0	6-jet nozzle carrier head for F21 nozzle. Suitable for working pressures of up to 3,000 bar. 35° spray angle, includes guard and flow conditioner. <input type="checkbox"/>
SEALS FOR TRAPEZOIDAL THREAD			
Gasket set with 9x O-rings for TR thread	37	2.880-001.0	<input type="checkbox"/>

Available accessories.